



Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 08411-027002	Application No. 10/766,102
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Patrick S. Schnable et al.	
		Filing Date January 27, 2004	Group Art Unit 1645 1636

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
Tme	AA	4,876,197	10/24/89	Burke et al.			
↓	AB	4,880,734	11/14/89	Burke et al.			
↓	AC	5,268,284	12/07/93	Tomich et al.			
↓	AD	6,359,197	03/19/02	Amasino et al.			

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
Tme	AE	0 120 551 B1	08/01/90	EPO				
↓	AF	0 164 556 B1	03/02/94	EPO				
↓	AG	0 284 044 B1	03/23/94	EPO				

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AH	GenBank Accession No. M26227
	AI	GenBank Accession No. U43082
	AJ	http://www.zmdb.iastate.edu - ZmDB - A Maize Genome Database
	AK	http://www.bioinformatics.org/sms - The Sequence Manipulation Suite
Tme	AL	Amann and Brosius, "ATG vectors for regulated high-level expression of cloned genes in <i>Escherichia coli</i> ," <i>Gene</i> , 1985, 40:183-190
↓	AM	Arnold, "Metal-Affinity Separations: A New Dimension in Protein Processing," <i>Bio/Technology</i> , 1991, 9:151-156
↓	AN	Ausubel et al., "Preparation and Analysis of DNA," <i>Current Protocols in Molecular Biology</i> , 1995, Chapter 2, Greene Publishing and Wiley-Interscience, New York
↓	AO	Ausubel et al., <i>Current Protocols in Molecular Biology</i> , 1998, John Wiley & Sons, Inc. (Table of Contents only)
↓	AP	Avramova et al., "Gene identification in a complex chromosomal continuum by local genomic cross-referencing," <i>Plant J.</i> , 1996, 10(6):1163-1168
↓	AQ	Carels and Bernardi, "Two Classes of Genes in Plants," <i>Genetics</i> , 2000, 154:1819-1825
↓	AR	Civardi et al., "The relationship between genetic and physical distances in the cloned <i>al-sh2</i> interval of the <i>Zea mays</i> L. genome," <i>Proc. Natl. Acad. Sci. USA</i> , 1994, 91:8268-8272
↓	AS	Cohen et al., "Functional expression in yeast of the <i>Escherichia coli</i> plasmid gene coding for chloramphenicol acetyltransferase," <i>Proc. Natl. Acad. Sci. USA</i> , 1980, 77(2):1078-1082

Examiner Signature <i>Patricia M. Kelso</i>	Date Considered 7/24/05
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JMC	AT	Cross et al., "Purification of CpG islands using a methylated DNA binding column," <u>Nat. Genet.</u> , 1994, 6:236-244
	AU	Cui et al., "The <i>rf2</i> Nuclear Restorer Gene of Male-Sterile T-Cytoplasm Maize," <u>Science</u> , 1996, 272:1334-1336
	AV	de Boer et al., "The <i>tac</i> promoter: A functional hybrid derived from the <i>trp</i> and <i>lac</i> promoters," <u>Proc. Natl. Acad. Sci. USA</u> , 1983, 80:21-25
	AW	de Fatima Bonaldo et al., "Normalization and Subtraction: Two Approaches to Facilitate Gene Discovery," <u>Genome Res.</u> , 1996, 6:791-806
	AX	Dellaporta et al., "Maize DNA Minpreps," <u>Maize Genetics Cooperation Newsletter</u> , 1983, 57:26-29
	AY	Dill et al., " <i>Rf8</i> and <i>Rf9</i> Mediate Unique T- <i>urf13</i> -Transcript Accumulation, Revealing a Conserved Motif Associated With RNA Processing and Restoration of Pollen Fertility in T-Cytoplasm Maize," <u>Genetics</u> , 1997, 147(3):1367-1379
	AZ	Hansen et al., "The <i>glossy1</i> Locus of Maize and an Epidermis-Specific cDNA from <i>Kleinsia odora</i> Define a Class of Receptor-Like Proteins Required for the Normal Accumulation of Cuticular Waxes," <u>Plant Physiol.</u> , 1997, 113:1091-1100
	AAA	Henikoff et al., "Isolation of a gene from <i>Drosophila</i> by complementation in yeast," <u>Nature</u> , 1981, 289(5793):33-37
	ABB	Hollenberg, "Cloning with 2- μ m DNA Vectors and the Expression of Foreign Genes in <i>Saccharomyces cerevisiae</i> ," <u>Curr. Topics Microbiol. Immunol.</u> , 1981, 96:119-144
	ACC	Hsia and Schnable, "DNA Sequence Analyses Support the Role of Interrupted Gap Repair in the Origin of Internal Deletions of the Maize Transposon, <i>MuDR</i> ," <u>Genetics</u> , 1996, 142(2):603-618
	ADD	Lindner et al., "Specific Detection of His-Tagged Proteins with Recombinant Anti-His Tag scFv-Phosphatase or scFv-Phage Fusions," <u>BioTechniques</u> , 1997, 22:140-149
	AEE	Mercereau-Puijalon et al., "Synthesis of a chicken ovalbumin-like protein in the yeast <i>Saccharomyces cerevisiae</i> ," <u>Gene</u> , 1980, 11:163-167
	AFF	Panthier et al., "Cloned β -Galactosidase Gene of <i>Escherichia coli</i> is Expressed in the Yeast <i>Saccharomyces cerevisiae</i> ," <u>Current Genetics</u> , 1980, 2:109-113
	AGG	Rabinowicz et al., "Differential methylation of genes and retrotransposons facilitates shotgun sequencing of the maize genome," <u>Nat. Genet.</u> , 1999, 23:305-308
	AHH	Sambrook et al., <u>Molecular Cloning: A Laboratory Manual</u> , 1989, 2 nd Edition, Cold Spring Harbor Laboratory Press, Plainview, New York (Table of Contents only)
	AII	Shimatake and Rosenberg, "Purified λ regulatory protein cII positively activates promoters for lysogenic development," <u>Nature</u> , 1981, 292(5819):128-132
	AJJ	Studier and Moffatt, "Use of Bacteriophage T7 RNA Polymerase to Direct Selective High-Level Expression of Cloned Genes," <u>J. Mol. Biol.</u> , 1986, 189:113-130
	AKK	Tijssen, <u>Laboratory Techniques in Biochemistry and Molecular Biology - Hybridization with Nucleic Acid Probes</u> , 1993, Volume 24, Chapter 2, pp. 19-78, Elsevier, New York
	ALL	Tikhonov et al., "Colinearity and its exceptions in orthologous <i>adh</i> regions of maize and sorghum," <u>Proc. Natl. Acad. Sci. USA</u> , 1999, 96(13):7409-7414
	AMM	Wagner et al., "Transcriptional slippage occurs during elongation at runs of adenine or thymine in <i>Escherichia coli</i> ," <u>Nucleic Acids Res.</u> , 1990, 18(12):3529-3535
✓	ANN	Weigel et al., "Activation Tagging in Arabidopsis," <u>Plant Physiol.</u> , 2000, 122:1003-1013

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(37 CFR §1.98(b))			

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tm	AOO	Wise et al., "Mutator-Induced Mutations of the <i>rfl</i> Nuclear Fertility Restorer of T-Cytoplasm Maize Alter the Accumulation of T- <i>urf13</i> Mitochondrial Transcripts," <u>Genetics</u> , 1996, 143:1383-1394
↑	APP	Xia et al., "Cloning and Characterization of <i>CER2</i> , an Arabidopsis Gene That Affects Cuticular Wax Accumulation," <u>Plant Cell</u> , 1996, 8:1291-1304
↑	AQQ	Xia et al., "Developmental and Hormonal Regulation of the Arabidopsis <i>CER2</i> Gene That Codes for a Nuclear-Localized Protein Required for the Normal Accumulation of Cuticular Waxes," <u>Plant Physiol.</u> , 1997, 115:925-937
↑	ARR	Xu et al., "Meiotic Recombination Break Points Resolve at High Rates at the 5' End of a Maize Coding Sequence," <u>Plant Cell</u> , 1995, 7:2151-2161
↓	ASS	Xu et al., "Sequence Analysis of the Cloned <i>glossy8</i> Gene of Maize Suggests That It May Code for a β -Ketoacyl Reductase Required for the Biosynthesis of Cuticular Waxes," <u>Plant Physiol.</u> , 1997, 115:501-510

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<i>Terry A. McGehee</i>	7/24/05
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